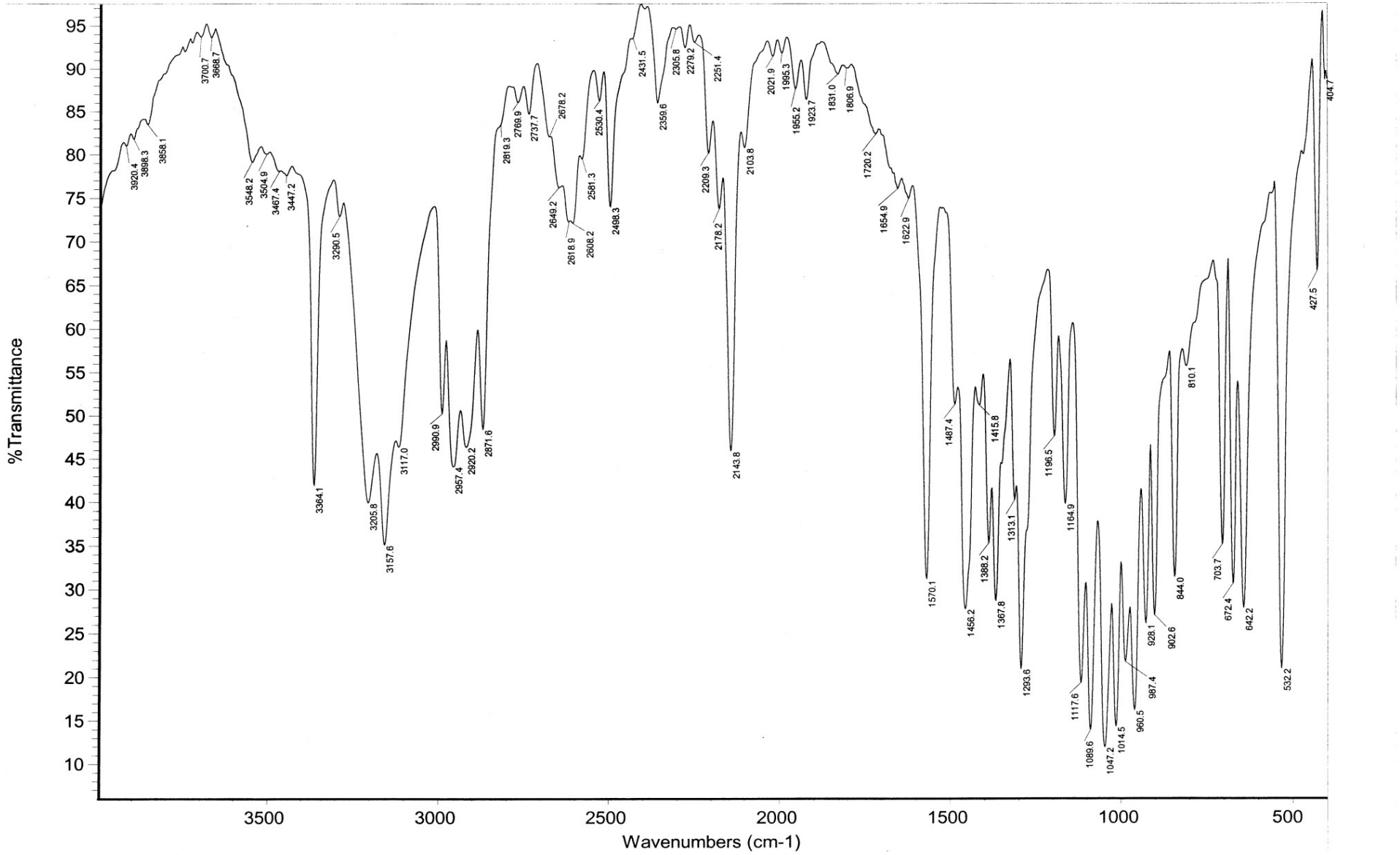

Figure S1. IR spectrum of a freshly prepared sample of complex $Cu_2L_2Cl_2$ (**5**)

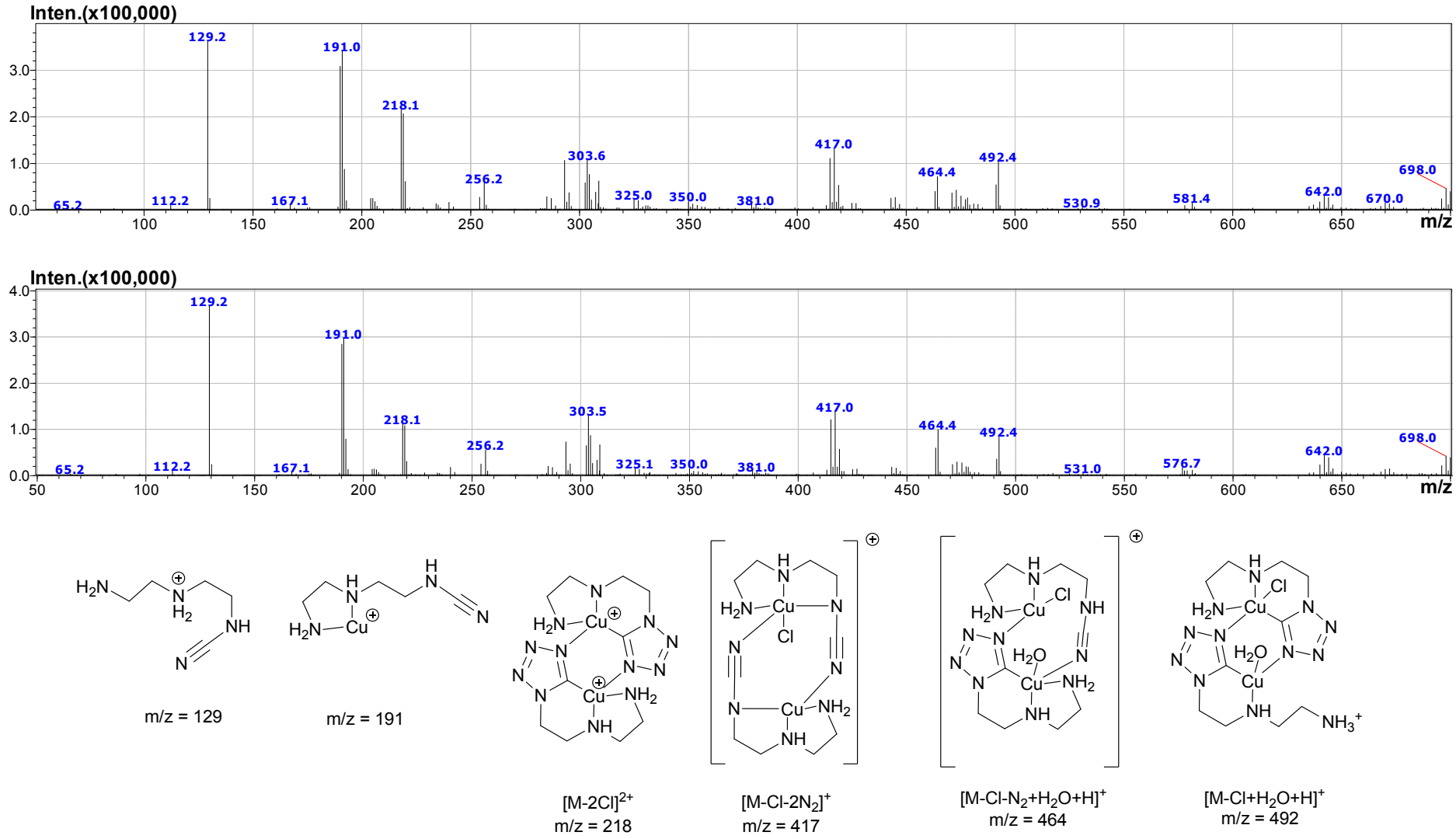

Figure S2. ESI(+)-mass spectrum of a freshly prepared sample of complex $Cu_2L_2Cl_2$ (**5**) (top) and after 6 month storage at ambient conditions (bottom).

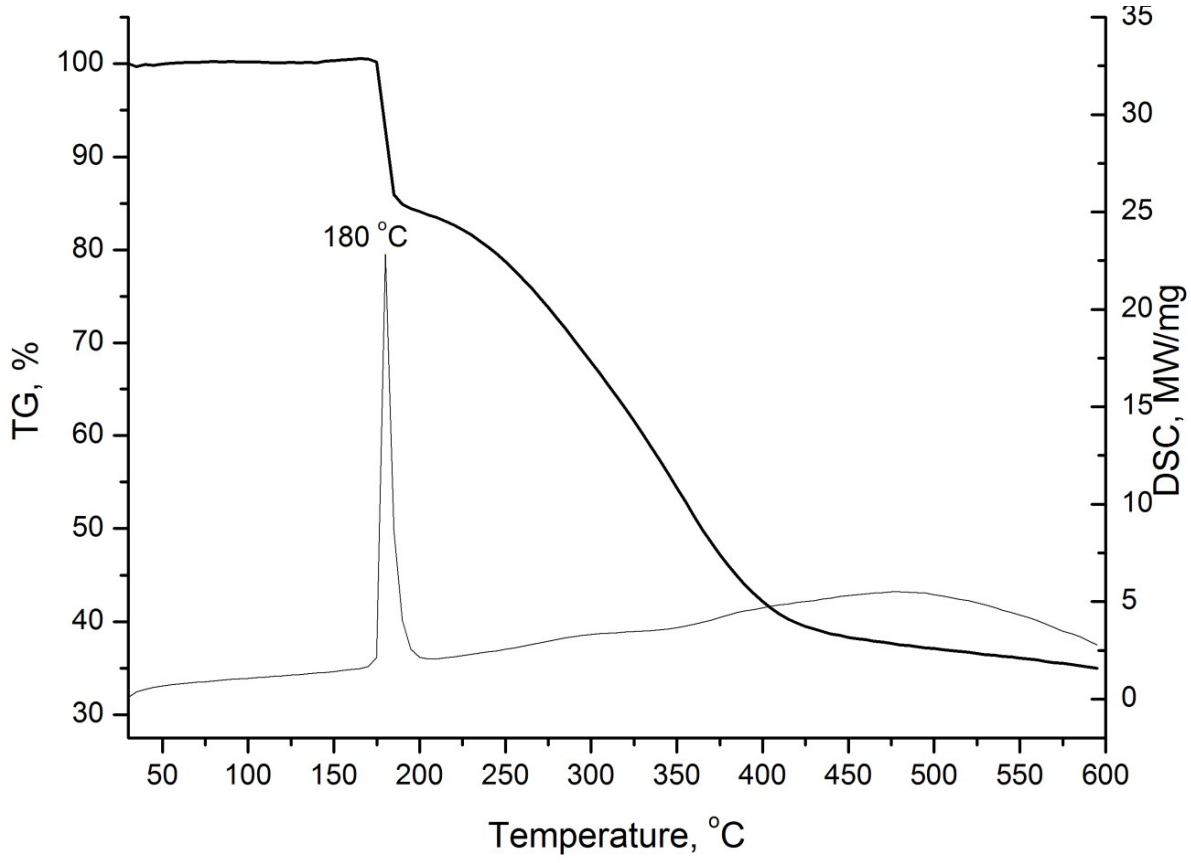

Figure S3. TG/DSC curves of complex $Cu(HL)_2Cl_2$ (**6**).

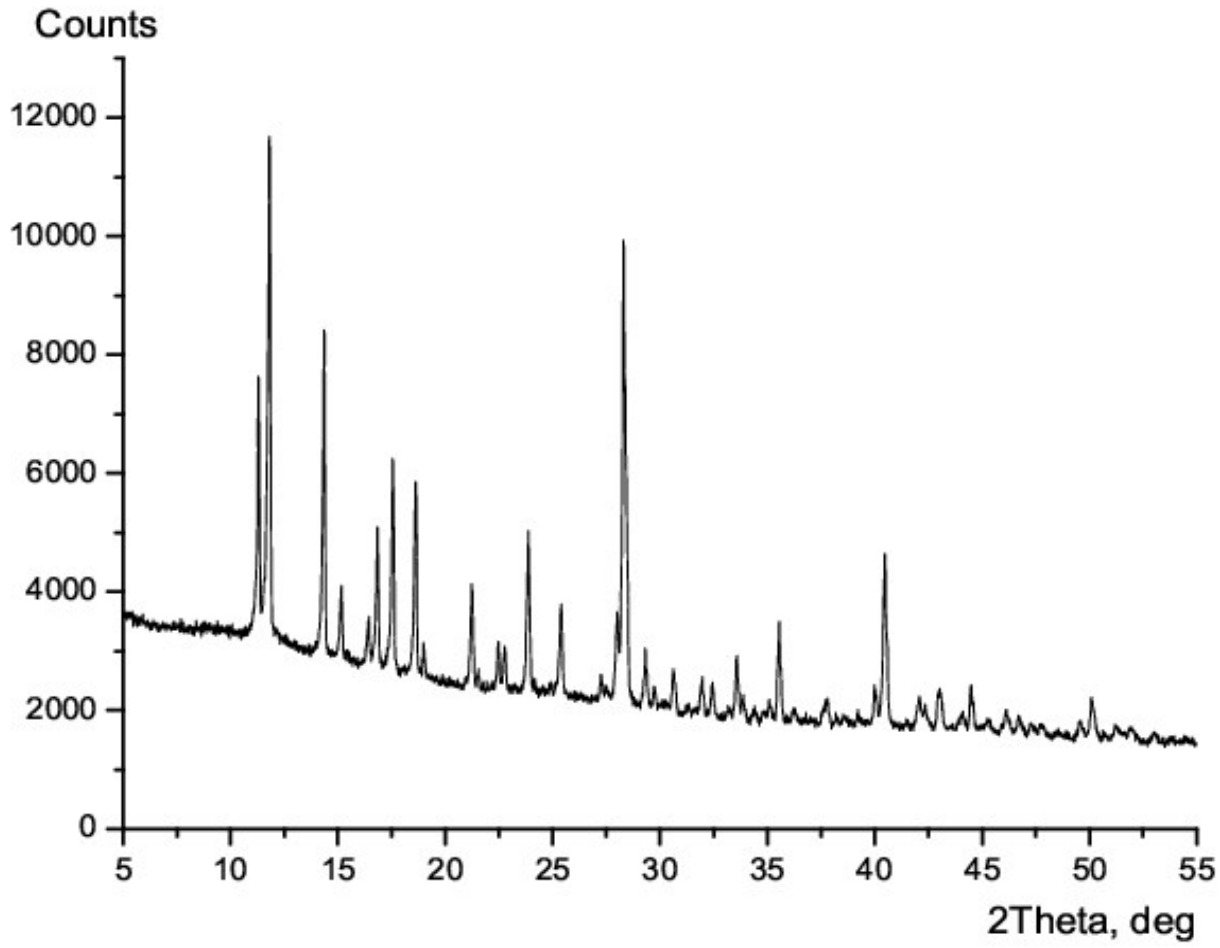

Figure S4. Powder diffraction pattern of complex $Cu_2L_2Cl_2$ (**5**) at room temperature (CuKa radiation).

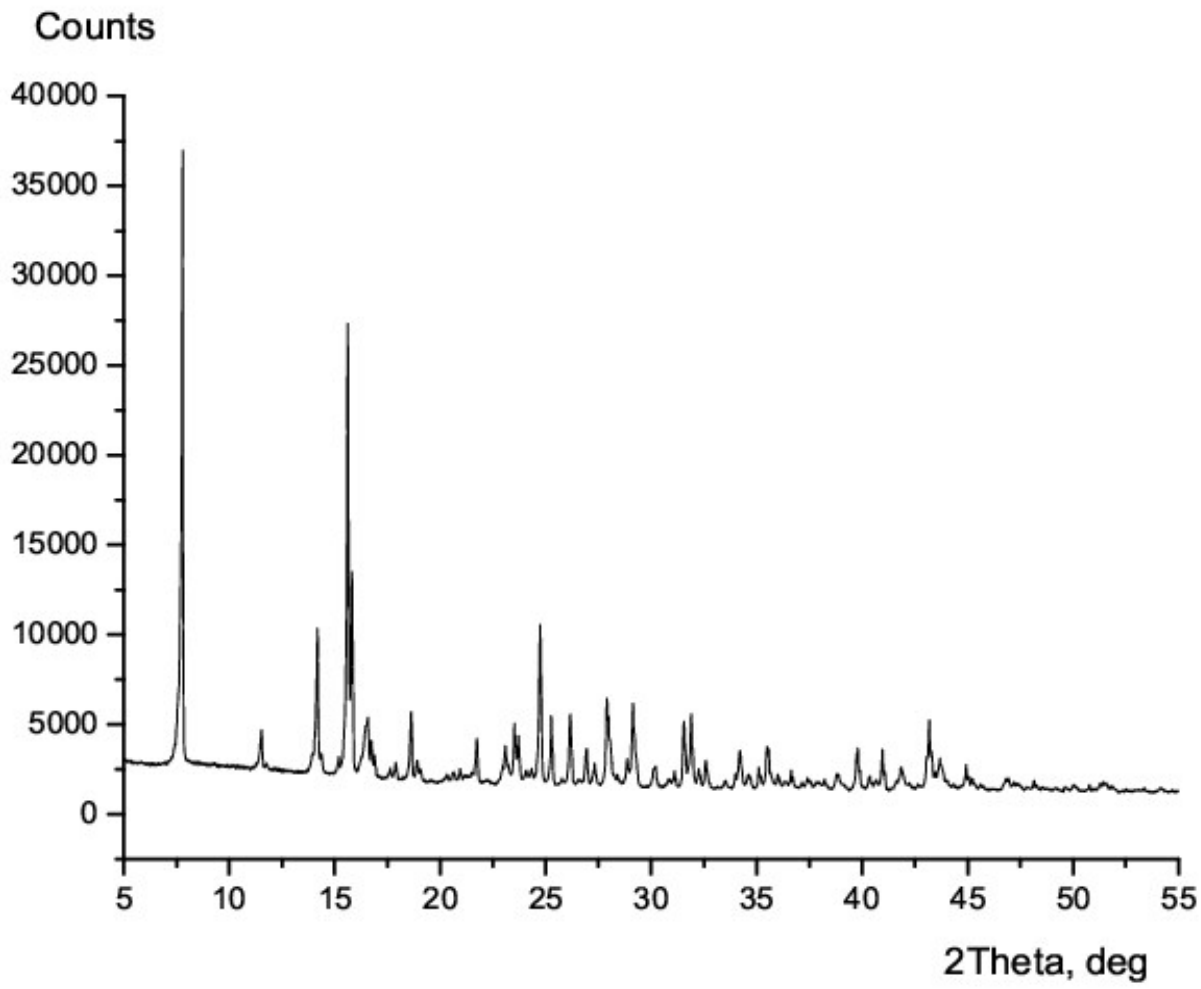

Figure S5. Powder diffraction pattern of complex $Cu(HL)_2Cl_2$ (**6**) at room temperature (CuKa radiation).

Table S1. Single crystal X-ray data and structure refinement details for complexes **5, 6**[a] at room temperature.

	5	**6**
Formula	$C_{10}H_{22}Cl_2Cu_2N_{12}$	$C_{10}H_{24}Cl_2CuN_{12}$
Formula weight	508.37	446.85
Temperature/K	296(2)	296(2)
Wavelength/Å	0.71073	0.71073
Crystal system	Monoclinic	Monoclinic
Space group	$P2_1/c$	$C2/c$
a/Å	7.6575(2)	23.4624(4)
b/Å	10.0729(3)	10.4593(2)
c/Å	12.6180(3)	15.5341(2)
α/°	90	90
β/°	103.1342(14)	105.3813(7)
γ/°	90	90
V /Å^3	947.81(4)	3675.53(11)
Z	2	8
Density$_{calc}$/g cm^{-3}	1.781	1.615
Absorption coefficient/mm^{-1}	2.549	1.502
Crystal size/mm	0.31×0.14×0.11	0.53×0.39×0.05
Reflections collected	9864	24979
Independent reflections	2916	5390
Restraints	0	0
Parameters	127	244
Goodness-of-fit on F^2	1.009	1.032
R1/wR2 [I > 2σ(I)]	0.0313/0.0811	0.0256/0.0633
R1/wR2 [all data]	0.0420/0.0874	0.0352/0.0679

[a] *V* = volume of the unit cell; Z = number of formula units in unit cell; R1 and wR2 are discrepancy factors